



Express Mail No.: **EL 500 578 999 US**  
**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: S. MATSUDA et al.

Confirmation No. 1631

Application No.: 09/646,527

Group Art Unit: 1771

Filed: September 15, 2000

Examiner: Victor S. Chang

For: MICROPOROUS FILM

Attorney Docket No.: 5868-0017

#8/B  
K  
45-08

New York, NY  
March 27, 2003

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**RECEIVED**

Assistant Commissioner for Patents  
Washington, D.C. 20231

APR 03 2003

**GROUP 1700**

Sir:

In reference to the Office Action mailed September 27, 2002, please enter the following amendment and remarks, pursuant to 37 CFR § 1.111, into the file of the above-identified application. Attached hereto are: 1) Exhibit A, a marked-up version of the amended claims; and 2) Exhibit B, a list of pending claims upon entry of the present Amendment.

**IN THE CLAIMS:**

Please amend claims 1-3 as follows:

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1. (Amended) A microporous membrane produced by cooling a solution comprising a vinylidene fluoride homopolymer or copolymer having a weight average molecular weight of  $1 \times 10^5$  or more and a solvent therefor, to form a two-phase gel, said microporous membrane comprising a polymer phase comprising said vinylidene fluoride homopolymer or copolymer, and intercommunicating voids which have an average pore size measured by the half-dry method of 0.005 to 5  $\mu\text{m}$  and extend from one side of the membrane to the other side, and said microporous membrane having a porosity of not less than 54.0% and not more
- B1